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Docket No.: 60005US(49991  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
John E. O'Gara, *et al.*

Application No.: 10/558,541

Filed: November 28, 2005

For: NOVEL NANOCOMPOSITES AND THEIR  
APPLICATION AS MONOLITH COLUMNS

Confirmation No.:

Art Unit: N/A

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Defective Response mailed January 19, 2007, Applicants respectfully submit complete Combined Declaration and Power of Attorney (DPOA) documents signed by the inventors of the above-referenced application, as opposed to compilation of signature pages attached to the body of the DPOA. A copy of the Notification of Defective Response is also submitted herewith.

Application No.: 10/558,541  
Response to Notification of  
Defective Response

Docket No.: 60005US(49991)

Applicants submit that no fees are required for consideration and entry of this Reply to Notification of Defective Response. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 04-1105, under Order No. 60005US.

Dated: February 15, 2007

Respectfully submitted,

By 

Peter C. Lauro, Esq.

Registration No.: 32,360

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FEB 15 2007

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Acting Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	AITY. DOCKET NO.
10/558,541	John E O'Gara	60005US(49991)

INTERNATIONAL APPLICATION NO.  
PCT/US04/13721

I.A. FILING DATE	PRIORITY DATE
05/03/2004	05/28/2003

48990  
EDWARDS & ANGELL, LLP  
P.O. BOX 55874  
BOSTON, MA 02205

**CONFIRMATION NO. 6426**

### 371 FORMALITIES LETTER

\*0000000022062939\*

Date Mailed: 01/19/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 11/28/2005
- Copy of the International Search Report filed on 11/28/2005
- Preliminary Amendments filed on 11/28/2005
- Information Disclosure Statements filed on 11/28/2005
- Oath or Declaration filed on 07/20/2006
- U.S. Basic National Fees filed on 11/28/2005
- Assignment filed on 02/09/2006
- Priority Documents filed on 11/28/2005
- Power of Attorney filed on 07/20/2006
- Specification filed on 11/28/2005
- Claims filed on 11/28/2005
- Abstracts filed on 11/28/2005

Applicant's response filed 07/20/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 07/05/2006 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - Declaration submitted on July 20, 2006, appears to be a compilation of a number of separate declaration documents (the document includes one copy of the first page, one copy of the second page, one copy of the third page, and two copies of the fourth page). "Where individual declarations are executed, the must be submitted as individual declarations rather than combined into one declaration." See MPEP 201.03(I)(B)

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Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/558,541	PCT/US04/13721	60005US(49991)

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